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PTO/SB/08A (08-03)  
Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 7

Complete if Known

Application Number 09/436,368  
Filing Date Nov 8, 1999  
First Named Inventor CRATER  
Art Unit 2744-2154  
Examiner Name  
Attorney Docket Number CTC-2

OCT 20 2003

Technology Center 2600

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
✓✓		US- 5990884	11/99	Douma	
		US- 6370550	4/02	Douma	
		US- 6453210	9/02	Belatosekovskiy	
		US- 6321272	11/01	Swales	
		US- 6370569	4/02	Austin	
		US- 6311101	10/01	Kastner	
		US- 6134552	10/00	Fritz	
		US- 5790977	8/98	Ezekiel	
		US- 6061603	5/9/00	Papadopoulos	
		US- 6061721	5/00	Ismael	
		US- 6201996	3/01	Crater	
		US- 4669040	5/87	Pettit	
		US- 5684375	11/97	Chaffe	
		US- 6424872	7/02	Glanzer	
		US- 6370569	4/02	Austin	
		US- 6505341	1/03	Harris	
		US- 5162982	11/92	Graber	
		US- 6434157	8/13/02	Dube	
		US- 6327511	12/4/01	Naismsith	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
✓✓		WO 96 31047A	10-03-1996	Ramesh		
✓✓		WO 97 07486A	02-27-1997	Boehringer		

Examiner Signature	V. Vw	Date Considered	2 - 4 - 05
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet 2 of 7

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Application Number 09/436,368  
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First Named Inventor CRATER  
Art Unit 2711  
Examiner Name  
Attorney Docket Number CTC-2

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### U. S. PATENT DOCUMENTS

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		Number-Kind Code <sup>2</sup> (if known)			
✓✓		US- 6233626	05-15-01	Swales	
✓✓		US- 6151625	11-21-00	Swales	
✓✓		US- 2002/0176441A1	11-28-02	Swales	
✓✓		US- 6466995	10-15-02	Swales	
✓✓		US- 6282454	08-28-01	Papadopoulos	
✓✓		US- 6484061	11-19-02	Papadopoulos	
✓✓		US- 5801689	09-01-98	Huntsman	
✓✓		US- 4918690	04-17-90	Markkula	
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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Signature

V. Vw

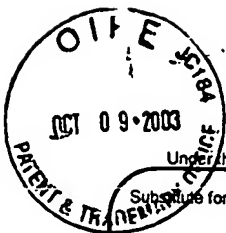
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2-4-05

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Sheet 3 of 7

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Application Number	09/436,368
Filing Date	Nov 8, 1999
First Named Inventor	CRATER
Art Unit	2711
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Attorney Docket Number	CTC-2

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### NON PATENT LITERATURE DOCUMENTS

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✓✓	93	KAO, James T; "Remote Microscope for Inspection of Integrated Circuits"; MIT Masters Thesis; September 1995.	✓
	58	"From Web Server to Railroad Layout", from web page <a href="http://rr-vs.informatik.uni-ulm.de/rr/LayoutControl.html">http://rr-vs.informatik.uni-ulm.de/rr/LayoutControl.html</a> .	✓
	58	"News Interactive Model Railroad", from web page <a href="http://rr-vs.informatik.uni-ulm.de/rr/WhatsNew.html">http://rr-vs.informatik.uni-ulm.de/rr/WhatsNew.html</a> .	✓
	58	"Frequently Asked Questions", from web page <a href="http://rr-vs.informatik.uni-ulm.de/rr/FAQ.html">http://rr-vs.informatik.uni-ulm.de/rr/FAQ.html</a> .	✓
	59	PUTNAM, Frederick A; "Internet-Based Data Aquisition and Control"; Sensors; November 1999.	✓
	62	FUHR, Peter L and Evan F MOWAT; "Remote Interrogation and Control of Sensors via the Internet"; Sensors; December 1995.	✓
	56	STAFFORD-FRASER, Quentin; "The Story of the Trojan Room Coffee Pot"; from web page <a href="http://www.cl.cam.ac.uk/coffee/qsf/timeline.html">http://www.cl.cam.ac.uk/coffee/qsf/timeline.html</a> .	✓
	55	STAFFORD-FRASER, Quentin; "The Trojan Room Coffee Pot"; from web page <a href="http://www.cl.cam.ac.uk/coffee/qsf/coffee.html">http://www.cl.cam.ac.uk/coffee/qsf/coffee.html</a> .	✓
	53	"The Trojan Room Coffee Machine"; from web page <a href="http://www.cl.cam.ac.uk/coffee/coffee.html">http://www.cl.cam.ac.uk/coffee/coffee.html</a> .	✓
↓	49	"Disk Drive with Embedded Hyper-Text Markup Language Server"; IBM Technical Disclosure Bulletin; Dec 1995.	✓

Examiner Signature	<u>V. ✓</u>	Date Considered	2 - 4 - 05
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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	09/436,368
		Filing Date	Nov 8, 1999
		First Named Inventor	CRATER
		Art Unit	2711
		Examiner Name	
Sheet 4	of 7	Attorney Docket Number CTC-2	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
VV	48	"aX announces Support for Opto 22 Ethernet B3000 Devices"; from web page at <a href="http://www.mnrcan.com/newsdetail.php?idno=25">http://www.mnrcan.com/newsdetail.php?idno=25</a> .	✓
	48	"aX Process Control"; from web page at <a href="http://www.mnrcan.com/ProcessControl.shtml">http://www.mnrcan.com/ProcessControl.shtml</a> .	✓
	50	"About LabCam"; from web page at <a href="http://people.cs.uchicago.edu/~peterp/LabCam/aboutLabCam.html">http://people.cs.uchicago.edu/~peterp/LabCam/aboutLabCam.html</a> .	✓
	51	"Bibliography"; from web page at <a href="http://www-2.csc.cmu.edu/Groups/xavier/www/papers.html">http://www-2.csc.cmu.edu/Groups/xavier/www/papers.html</a> .	✓
	54	STAFFORD-FRASER, Quentin; "Life and Times of the First Web Cam"; from web page <a href="http://www.cl.cam.ac.uk/coffee/qs/cacm200107.html">http://www.cl.cam.ac.uk/coffee/qs/cacm200107.html</a> .	✓
	60	"EDN Access; Test&Measurement; from web page <a href="http://archives.e-insite.net/archives/ednmag/reg/1996/060696/12prod4.htm">http://archives.e-insite.net/archives/ednmag/reg/1996/060696/12prod4.htm</a> .	✓
	65	Misc web pages and documents from <a href="http://www.labtech.com">http://www.labtech.com</a> .	✓
	67	GOLDBERG, Ken et al; "Beyond the Web: Excavating the Real Wrold Via Mosaic; web page at <a href="http://www.ncsa.uiuc.edu/SDG/IT9...goldberg.html">http://www.ncsa.uiuc.edu/SDG/IT9...goldberg.html</a> .	✓
	68	GOLDBERG, Ken et al; "Desktop Teleoperation via the World Wide Web"; IEEE International Conference on Robotics and Automation; 1995.	✓
↓	71	SOREIDA NN et al; "Mosaic access to real-time data from the TOGA-TAO array of moored buoys" Computer Networks and ISDN Systems; Dec 1995.	✓

Examiner Signature	V- Vh	Date Considered	2-4-05
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		Art Unit	2711
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Sheet	5	of	7

NON PATENT LITERATURE DOCUMENTS			
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✓✓	74	SCHARF Ronald et al; "Using Mosaic for Remote Test System Control Supports Distributed Engineering"; Institute of Computer Aided Circuit Design.	✓
	76	PERYT, M and F. MOMAL; "Generic Repository and Search Engine for LHC Equipment Test Data"; Intl Conf on Accelerator; 1999.	✓
	77	MOMAL F et al; "A Control System based on Industrial Components for Measuring..."; web page at <a href="http://mish231.cern.ch/Docs/CSbIC.htm">http://mish231.cern.ch/Docs/CSbIC.htm</a> .	✓
	79	Web page at <a href="http://www.awe.com/mark/wwwf94/coxfig3.gif">http://www.awe.com/mark/wwwf94/coxfig3.gif</a> .	✓
	80	"Bradford Robotic Telescope - Intro", web page at <a href="http://www.telescope.org/rti/intro.html">http://www.telescope.org/rti/intro.html</a> .	✓
	81	COX, Mark and John BARUCH; "Robotic Telescopes: An Interactive Exhibit on the World Wide Web"; web page at <a href="http://www.awe.com/mark/wwwf94/wwwf94.html">http://www.awe.com/mark/wwwf94/wwwf94.html</a> .	✓
	84	"Welcome to Paul Hass's web server"; web page at <a href="http://www.hamjudo.com">http://www.hamjudo.com</a> ".	✓
	85	"Status of Paul's (Extra) Refrigerator"; web page at <a href="http://www.hamjudo.com/cgi-bin/refrigerator">http://www.hamjudo.com/cgi-bin/refrigerator</a>	✓
	86	"Soda Can platform"; web page at <a href="http://www.hamjudo.com/notes/soda_platform.html">http://www.hamjudo.com/notes/soda_platform.html</a> .	✓
✓	87	"CD-ROM's in the Microwave"; web page at <a href="http://www.hamjudo.com/notes/cdrom.html">http://www.hamjudo.com/notes/cdrom.html</a>	✓

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Sheet

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✓✓	88	"Tub status"; web page at <a href="http://hamjudo.com/cgi-bin/hottub">http://hamjudo.com/cgi-bin/hottub</a> .	✓
	89	"Frequently asked questions about Paul's hottub."; web page at <a href="http://hamjudo.com/hottub_notes.html">http://hamjudo.com/hottub_notes.html</a> .	✓
	91	"RoboRodentia II"; web page at <a href="http://www.elee.calpoly.edu/clubs/cs/www/RoboContest">http://www.elee.calpoly.edu/clubs/cs/www/RoboContest</a> .	✓
	92	"The 'Only' Coke Machine on the Internet"; web page at <a href="http://www.cs.cmu.edu/~coke/history_long.txt">http://www.cs.cmu.edu/~coke/history_long.txt</a> .	✓
	50	"Xavier has a new job"; web page at <a href="http://www-2.cs.cmu.edu/Groups/xavier/www">http://www-2.cs.cmu.edu/Groups/xavier/www</a> .	✓
	94	"1771 Control Coprocessor"; Allen-Bradley; December 1994. <i>dup</i>	✓
	95	TAYLOR, Ken and James TREVELYAN; "A Telerobot on the World Wide Web"; Proceedings of the 1995 National Conference of the Australian Robot Association.	✓
	96	TAYLOR, Ken and James TREVELYAN; "Australia's Telerobot on the Web"; 26th International Symposium on Industrial Robots; 1995.	✓
	97	"WWW'94: Information Form"; web page from <a href="http://archive.ncsa.uiuc.edu/SDG/IT94/Agenda/Info_form.html">http://archive.ncsa.uiuc.edu/SDG/IT94/Agenda/Info_form.html</a> .	✓
↓	98	"Mercury Project"; web page from <a href="http://www.usc.edu/dept/raiders">http://www.usc.edu/dept/raiders</a> .	✓

Examiner Signature

*V. ✓*

Date

Considered

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Sheet 7 of 7

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vv	99	PUTNAM, Fredrick; "LABTECHnet Visualization of a Weather Front".	✓
vv	3	STRAUSS, Richard; LABECH memo and other documents.	✓
vv	4	"LABTECHnet Frequently Asked Questions".	✓
vv	5	PUTNAM, Fredrick; "LABTECH News: Another superlative PR article"; email.	✓
vv	6	PUTNAM, Fredrick; "Public-domain IPC scheme moves Windows data 1000 times faster than DDE"; Personal Engineer and Instrumentation News.	✓
vv	7	"Installing and Using LABTECHnet".	✓

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Form PTO-1449		Docket No: 109087-0002P2		Serial No. Not Yet Assigned <i>09/436,368</i>			
INFORMATION-DISCLOSURE  STATEMENT		Applicant: Kenneth C. Crater et al.		PRO 09/436,368 2154 11/08/99			
		Filed: November 8, 1999					
U. S. Patent Documents							
Ex.		Doc. No.	Date	Name	Class	Subcl.	Filed
✓✓		5,664,101	09/02/97	Picache	395	200.8	12/22/93
✓✓		5,737,529	04/07/98	Dolin, Jr. et al.	395	200.18	04/12/96
✓✓		5,490,276	02/06/96	Doli, Jr. et al.	395	700	03/01/95
✓✓		5,297,143	03/22/94	Fridrich et al.	370	85.3	12/03/90
✓✓		4,918,690	04/17/90	Markkula, Jr. et al.	370	94	11/10/87
✓✓		5,151,978	09/29/92	Bronikowski et al.	395	200	03/22/90
✓✓		5,245,704	09/14/93	Weber et al.	395	200	03/22/90
✓✓		5,131,092	07/14/92	Sackmann et al.	395	800	09/01/89
✓✓		4,897,777	01/30/90	Janke et al.	364	134	04/11/88
✓✓		5,159,673	10/27/92	Sackmann et al.	395	325	03/11/92
✓✓		5,251,302	10/05/93	Weigl et al.	395	250	12/26/91
Foreign Patent Documents							
			Date	Country	Class	Subcl.	Filed
✓✓		0411869A2	06/02/91	Europe			30/07/90
✓✓		WO97/18636	22/05/97	PCT			13/11/96
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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

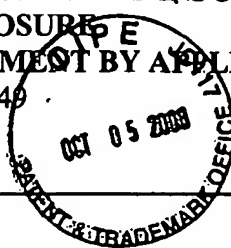


Form PTO-1449				Docket No: 109087-0002P2		Serial No. Not Yet Assigned	
INFORMATION-DISCLOSURE STATEMENT				Applicant: Kenneth C. Crater et al.			
				Filed: November 8, 1999		Group Not Yet Assigned	
U. S. Patent Documents							
Ex.		Doc. No.	Date	Name	Class	Subcl.	Filed
✓✓		4,992,926	02/12/91	Janke et al.	364	134	10/17/88
✓✓		4,969,083	11/06/90	Gates	364	147	04/04/88
✓✓		5,122,948	06/16/92	Zapolin	364	131	01/28/90
✓✓		5,598,536	01/28/97	Slaughter, III et al.	395	200.16	08/09/94
✓✓		5,625,781	04/29/97	Cline et al.	395	335	10/31/95
✓✓		5,623,652	04/22/97	Vora et al.	395	610	07/25/94
✓✓		5,072,412	12/10/91	Henderson, Jr. et al.	395	159	03/25/87
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✓✓		5,613,115	03/18/97	Gihl et al.	395	701	12/09/91
✓✓		4,319,338	03/09/82	Grudowski et al.	364	900	12/12/79
✓✓		5,398,336	03/14/95	Tantry et al.	395	600	07/16/93
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Examiner: ✓. ✓u					Date Considered: 2-4-05		
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							

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INFORMATION-DISCLOSURE STATEMENT				Applicant: Kenneth C. Crater et al.			
				Filed: November 8, 1999		Group Not Yet Assigned	
<b>U. S. Patent Documents</b>							
Ex.		Doc. No.	Date	Name	Class	Subcl.	Filed
✓✓		5,307,463	04/26/94	Hyatt et al.	395	275	12/07/92
✓✓		5,157,595	10/20/92	Lovrenich	364	136	03/08/91
✓✓		5,420,977	05/30/95	Sztipanovits	395	160	10/12/93
✓✓		5,225,974	07/06/93	Mathews et al.	364	140	10/30/90
✓✓		4,937,777	06/26/90	Flood et al.	364	900	10/07/87
✓✓		5,012,402	04/30/91	Akiyama	364	192	12/16/88
✓✓		4,953,074	08/28/90	Kametani et al.	364	132	07/06/88
✓✓		5,406,473	04/11/95	Yoshikura et al.	364	140	07/21/93
✓✓		5,321,829	06/14/94	Zifferer	395	575	07/20/90
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<b>Foreign Patent Documents</b>							
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc)</b>							
✓✓			"Want to View Your Plant's Operations? Surf Your Intranet," Control Platforms (October 1997)				
Examiner:                    ✓. ✓ <sub>h</sub>				Date Considered:        2-4-05			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

**SUPPLEMENTAL INFORMATION  
DISCLOSURE  
STATEMENT BY APPLICANT**  
PTO-1449

/107493.1



Attorney Docket No.: 401 W 185 (CTC-2)  
Appln. No.: 09/436,368  
Applicant: Kenneth C. Crater and Craig Goldman  
Filing Date: November 9, 1999  
Art Unit: 2711 Examiner: J. Miller

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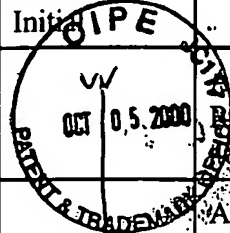

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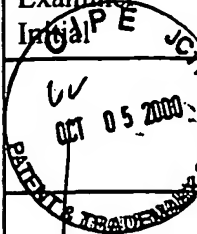

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Examiner: V. Vu Date 2-4-05  
 Considered: 2-4-05

Examiner: Initial if Citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet 1

of 1

Application Number

**Complete if Known**

09/436368

Filing Date

November 8, 1999

**First Named Inventor**

**CRATER, Kenneth**

### Art Unit

~~2711~~ 2154

**Examiner Name**

N/A

Attorney Docket Number

CTC-2

## NON PATENT LITERATURE DOCUMENTS

[illegible]

**Examiner  
Signature**

 $V_i \quad V_n$ 

**Date**  
**Considered**

2-4-05

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